

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) Food cooking surface for a kitchen utensil or cooking appliance, characterized in that this cooking surface is of an amorphous metal alloy.

2. (previously presented) Cooking surface according to claim 1, characterized in that the alloy contains a nanocrystalline phase.

3. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 1, characterized in that the alloy has the formule $A_aD_bE_cX_d$ in which:

- A is one of the elements Zr or Cu,
- D is at least one element chosen from the group consisting of Ni, Cu, Al if A is Zr or at least one element chosen from the group consisting of Ni, Zr, Al if A is Cu,
- E is at least one element chosen from the group consisting of Ti, Hf,
- X represents the impurities of production, with:
 - $40 \% < a < 70 \% \text{ at,}$
 - $5 \% < b < 30 \% \text{ at,}$
 - $c < 10\% \text{ at,}$
 - $d < 1 \% \text{ At, and}$
 - $a+b+c+d = 100 \% \text{ at.}$

4. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 3, characterized in that the metal alloy is of the formula $Zr_aCu_bNi_cAl_dTi_eX_f$,

- where a, b, c, d, e, are the respective proportions of Zr, Cu, Ni, Al and Ti in the alloy, said proportions being comprised within the following ranges:

- 40 % < a < 70 %

- 10% < b < 25%

- 5% < c < 15%

- 5% < d < 15%

- 2% < e < 10 %,

- where x represents the impurities of production, with f < 1 % at,

- where a+b+c+d+e+f = 100 % at.

5. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 1, characterized in that it is obtained by the deposit of a suitable thickness of metallic material on a substrate.

6. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 5, characterized in that the deposit is obtained by cathode sputtering of a massive target.

7. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 6, characterized in that the target is obtained by assembly on a copper substrate of one or several sheets or plates of a material having the desired composition, said sheets or plates being obtained either by powder sintering or thermal projection of powder, or resulting from casting.

8. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 5, characterized in that the material results from a powder of the alloy obtained by grinding of a crystallized alloy, said powder then undergoing a step of vitrification.

9. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 1, characterized in that it is obtained by assembly of an amorphous alloy sheet on a substrate.

10. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 9, characterized in that the sheet is obtained by rolling of an amorphous ingot resulting from melting of a mixture of metals.

11. (original) Food cooking surface for a kitchen utensil or cooking appliance according to claim 9, characterized in that the sheet is obtained by the technique of solidification on a wheel.

12. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 9, characterized in that the assembly is carried out by one of the following techniques: colaminating, brazing, hot striking.

13. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 9, characterized in that the sheet and the substrate undergo, after assembly, a step of forming by stamping.

14. (previously presented) Food cooking surface for a kitchen utensil or cooking appliance according to claim 5, characterized in that the substrate is composed of one or

more metal sheet(s) of the following materials: aluminum, stainless steel, cast iron, steel, copper.

15. (previously presented) A kitchen utensil or cooking appliance having a food cooking surface as defined in claim 1.

16. (New) Food cooking surface for a kitchen utensil or cooking appliance according to claim 1, wherein said food cooking surface is arranged to be contacted by food being cooked.

17. (New) The kitchen utensil or cooking appliance as defined in claim 15, wherein said food cooking surface is located to be contacted by food being cooked.

18. (New) The kitchen utensil or cooking appliance as defined in claim 17, wherein said food cooking surface is located to constitute an upwardly facing surface when said kitchen utensil or cooking appliance is being used to cook food.